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(71)Applicant : **NITTO DENKO CORP**

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(72)Inventor : **SHUDO SHUNSUKE
KAWAMOTO IKURO
MOTOMURA HIRONORI**

(54) PHASE DIFFERENCE PLATE, METHOD FOR MANUFACTURING THE SAME, AND OPTICAL FILM

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a phase difference plate in which the phase difference in the thickness direction can be controlled in a wide range.

SOLUTION: The phase difference plate is obtained by laminating and integrating a homeotropic alignment liquid crystal film and a stretched film having a phase difference function. The homeotropic alignment film is formed by using a homeotropic alignment liquid crystal composition containing a side-chain liquid crystal polymer showing homeotropic alignment property or the side chain liquid crystal polymer and a photopolymerizable liquid crystal compound.

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